## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/30433

A. CLASSIFICATION OF SUBJECT MATTER  PC: B32B 9/06( 2006.01);B41M 5/10( 2006.01);D21H 23/00( 2006.01)			
USPC: 428/452,486,488.11,535;162/10,12,162;106/2;8/116.1 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 428/452, 486, 488.11,535; 162/10,12,162; 106/2; 8/116.1			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) USPAT, DERWENT, IPO, EPO, USPUB			
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		Delement to eleim No
Category *	Citation of document, with indication, where ap		Relevant to claim No.
Α	US 5,131,910 A (BREAULT et al) 21 July 1992 (21.0	)7.1992) column 1, lines 49+	1-52
A	JP 61-197483A (HOSADA) 01 September 1987 (01.08.1987) abstract		1-52
E	E JP 2005-263657A (ARAI et al ) 29 September 2005 (29.09.2005) abstract		1-52
E	E US 2005/0214494A (PAHL et al) 29 September 2005 (29.09.2005), all		1-52
		· .	
Further documents are listed in the continuation of Box C. See patent family annex.			
	special categories of cited documents	term later decoment published after the inte	mational filing date or priority
1	·	date and not in conflict with the applic principle or theory underlying the inve	abon but cated to tenderstand the
"A" document defining the general state of the art which is not considered to be of particular relevance  "E" cartier application or patent published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step	
		when the document is taken alone  'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
"O" documen	it referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th	e art
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family	
Date of the actual completion of the international search		Date of mailing of the international people report	
22 February 2006 (22.02.2006)   Name and mailing address of the ISA/US   Au		Authorized officer	
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Kevin R. Kruer	
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